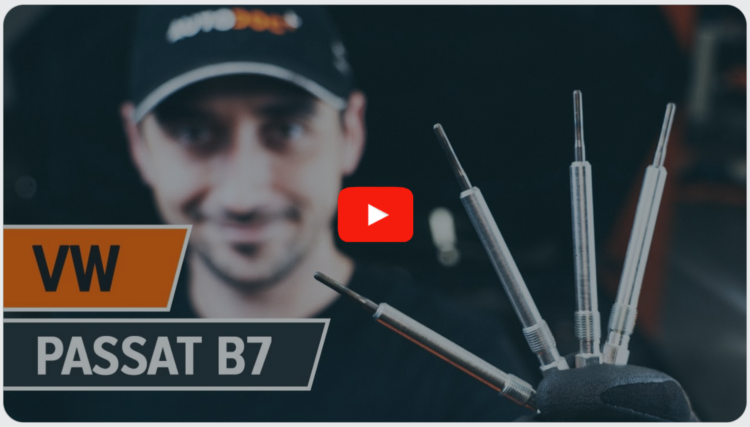
AUTODOC CLUB

How to change glow plugs on **AUDI A3 Sportback (8PA)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A3 Sportback (8PA) 2.0 TDI 16V, AUDI A3 Sportback (8PA) 2.0 TDI, AUDI A3 Sportback (8PA) 2.0 TDI 16V quattro, AUDI A3 Sportback (8PA) 2.0 TDI quattro, AUDI A3 Sportback (8PA) 1.6 TDI

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Passat Saloon (362) 2.0 TDI

REPLACEMENT: GLOW PLUGS – AUDI A3 SPORTBACK (8PA). TOOLS YOU MIGHT NEED:



- WD-40 spray
- Electronic spray
- High-temperature ceramic grease
- Torque wrench
- Spark plug socket # 10
- Torx bit T27
- Ratchet wrench
- Flat screwdriver
- Needle nose pliers
- Fender cover

Replacement: glow plugs – AUDI A3 Sportback (8PA). AUTODOC experts recommend:

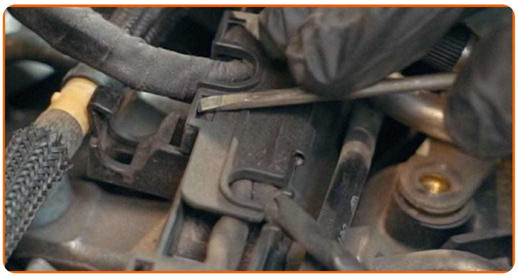
- The replacement procedure is identical for all glow plugs.
- Wear gloves to protect your hands from hot surfaces.
- Replacement: glow plugs – AUDI A3 Sportback (8PA). Recommended sequence of steps:

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1. Open the bonnet.
2. Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
3. Before getting down to work, start the engine and let it warm up to operating temperature.
4. Shut off the engine.
5. Unscrew the bracket for the engine pipes. Use Torx T27. Use a ratchet wrench.



6 Detach the engine wiring harness. Use a flat screwdriver.



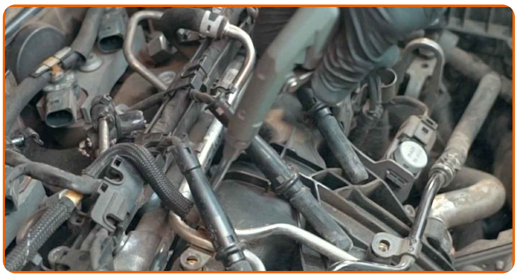
7 Detach the engine wiring harness connectors. Use a flat screwdriver.



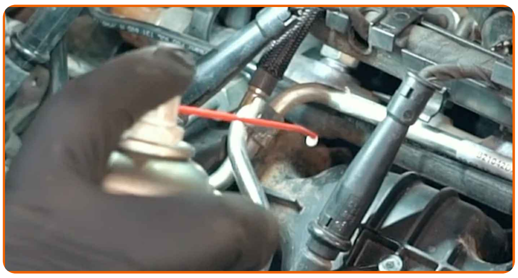
8 Detach the glow plug wiring connectors. Use needle nose pliers.



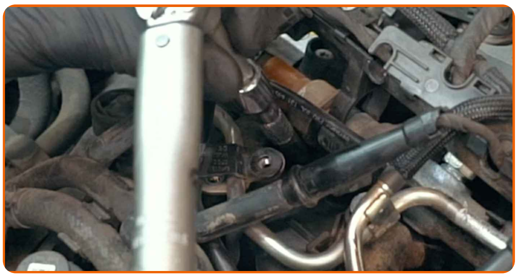
9 Clean dirt, dust and debris from inside the spark plug wells.



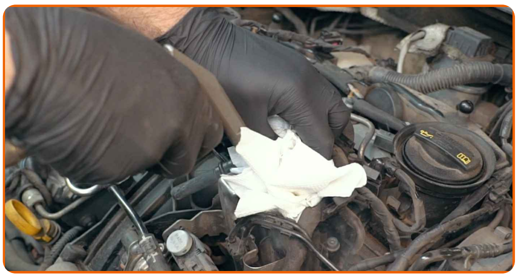
10 Treat the glow plugs. Use WD-40 spray.



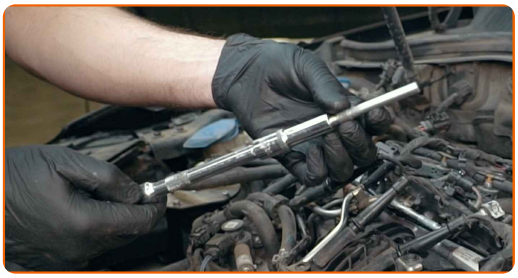
11 Unscrew the glow plugs. Use the spark plug socket #10. Use a torque wrench.



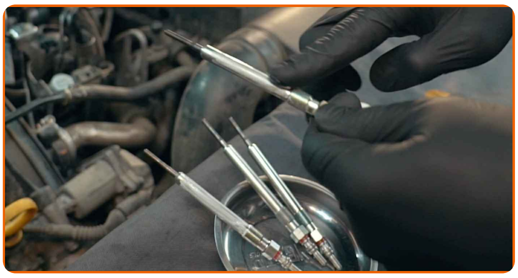
12 Clean dirt, dust and debris from inside the spark plug wells.



13 Remove the glow plugs. Use the spark plug socket #10. Use needle nose pliers.



14 Treat the glow plugs. Use high-temperature ceramic grease.



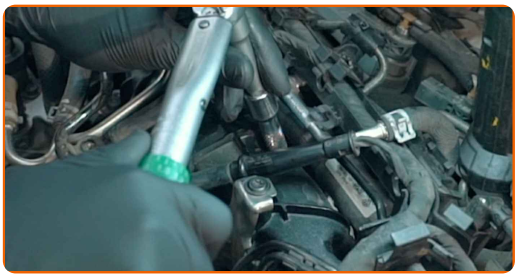
Please note!

- Do not touch the heating element as fingerprints may cause malfunction.

15 Install new glow plugs to their mounting seats. Use needle nose pliers.



16 Tighten the glow plugs. Use the spark plug socket #10. Use a torque wrench. Tighten it to 18 nm torque.



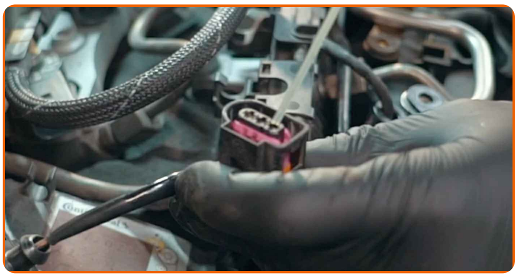
Replacement: glow plugs – AUDI A3 Sportback (8PA). Tip from AUTODOC experts:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

17 Attach the glow plug wiring connectors.



18 Treat the engine wiring harness connectors. Use dielectric grease.

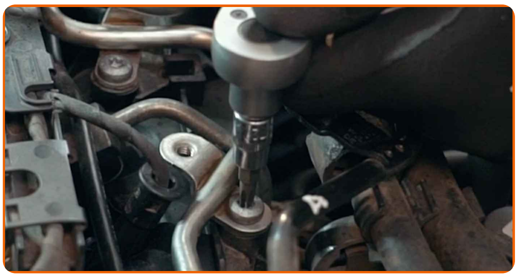


19 Attach the engine wiring harness connectors.



20 Attach the engine wiring harness.

21 Screw in the bracket for the engine pipes. Use Torx T27. Use a torque wrench. Tighten it to 7 nm torque.



22 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

23 Shut off the engine.

24 Remove the fender protection cover.

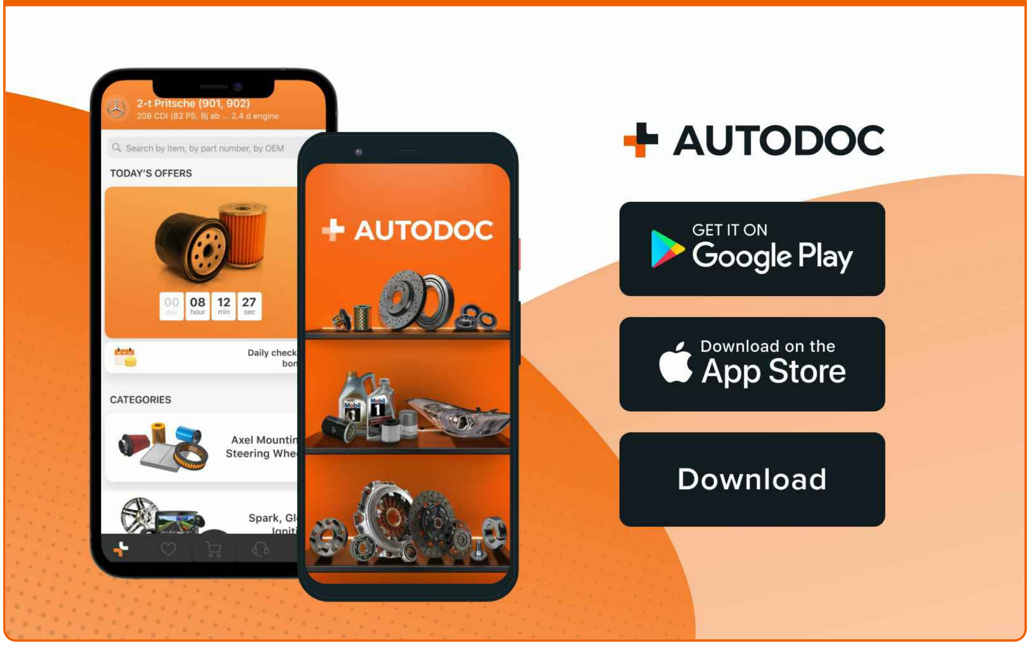
25 Close the hood.

WELL DONE!

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GLOW PLUGS: A WIDE SELECTION

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